

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045321.D
 Acq On : 18 Mar 2025 13:41
 Operator : JC/MD
 Sample : Q1559-04DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250310DL

Quant Time: Mar 19 01:43:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

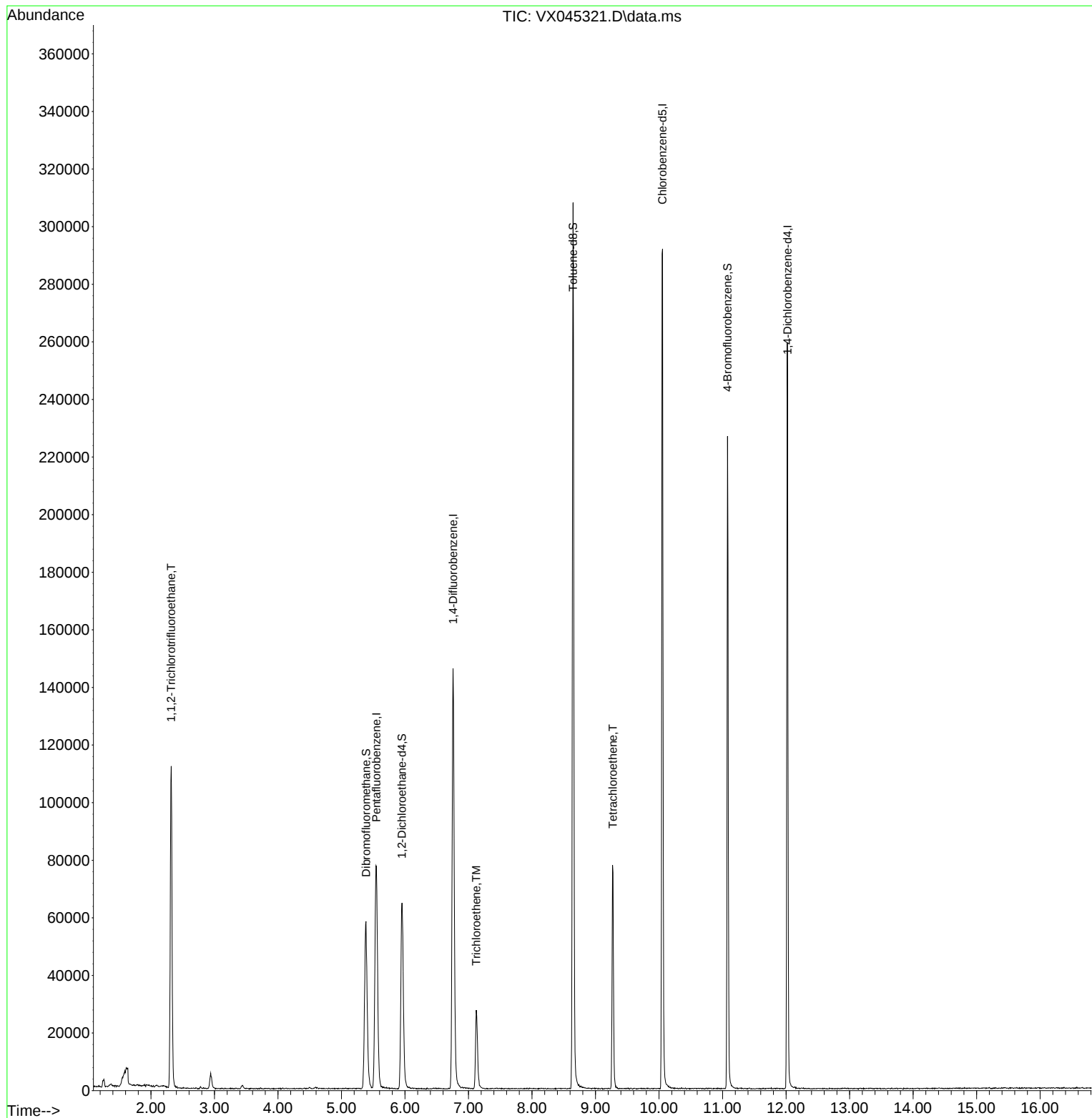
Internal Standards						
1) Pentafluorobenzene	5.550	168	70052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63869	57.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.640%	
35) Dibromofluoromethane	5.385	113	49919	52.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.800%	
50) Toluene-d8	8.647	98	176143	51.492	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	11.079	95	58887	51.949	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.900%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	43928	53.954	ug/l	99
44) Trichloroethene	7.123	130	10358	10.795	ug/l	99
64) Tetrachloroethene	9.275	164	14394	17.574	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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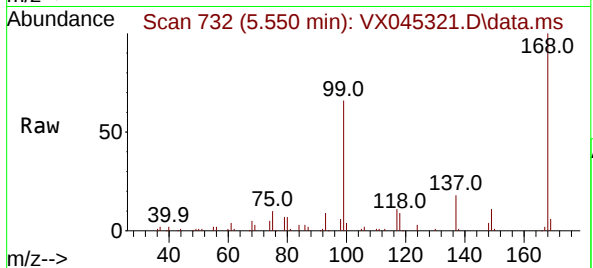
Quant Time: Mar 19 01:43:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



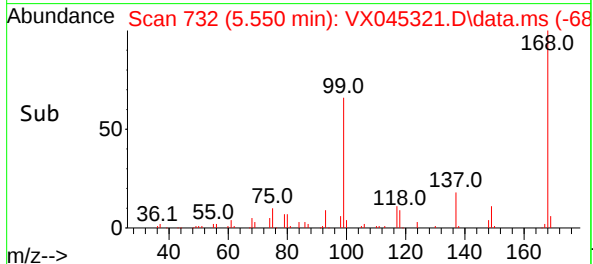
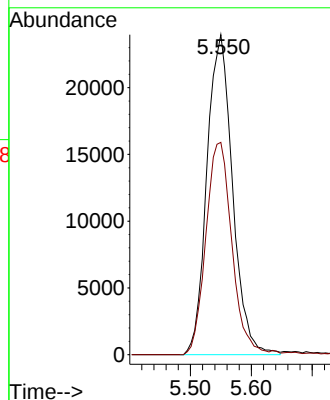


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310DL

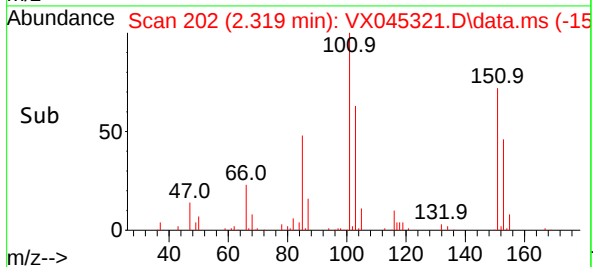
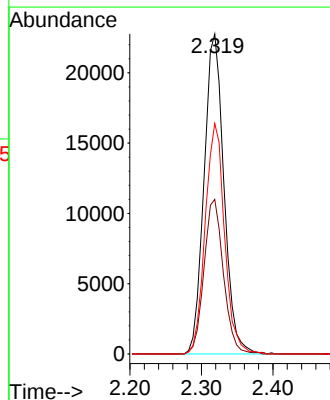
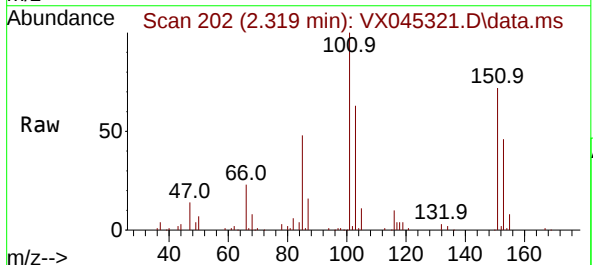


Tgt Ion:168 Resp: 70052
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.954 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

Tgt Ion:101 Resp: 43928
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.4
151 70.4 56.4 84.6





#33

1,2-Dichloroethane-d4

Concen: 57.319 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045321.D

Acq: 18 Mar 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

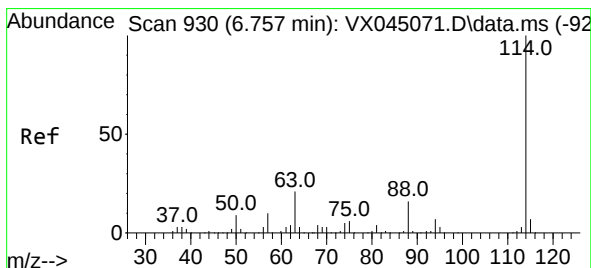
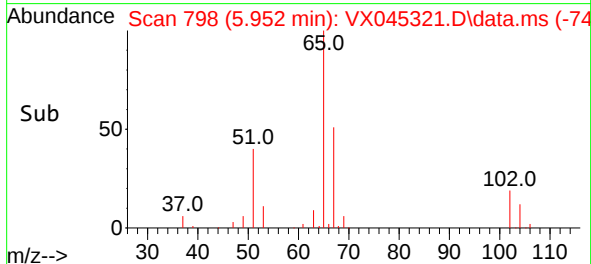
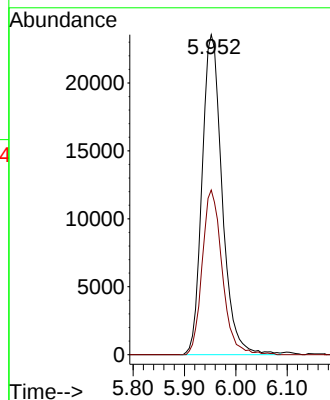
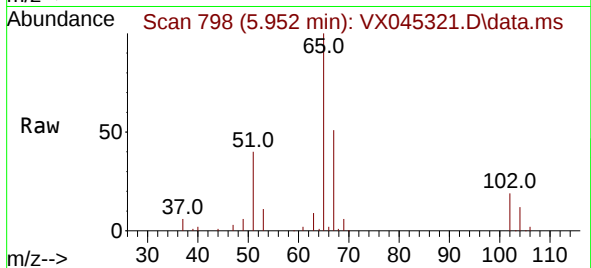
RE134D3-20250310DL

Tgt Ion: 65 Resp: 63869

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045321.D

Acq: 18 Mar 2025 13:41

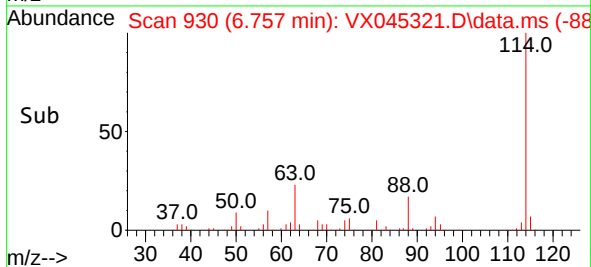
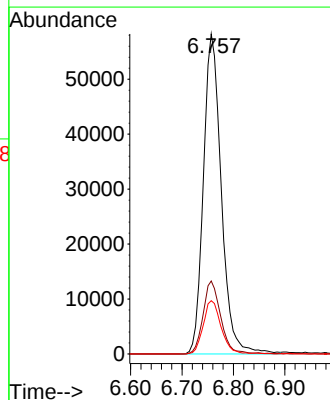
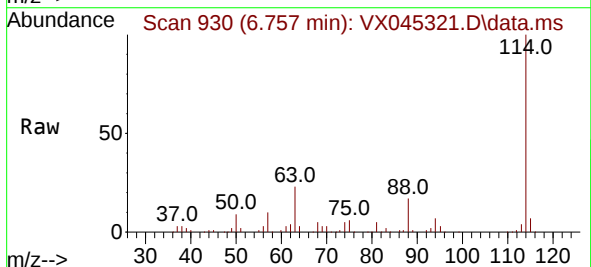
Tgt Ion: 114 Resp: 141111

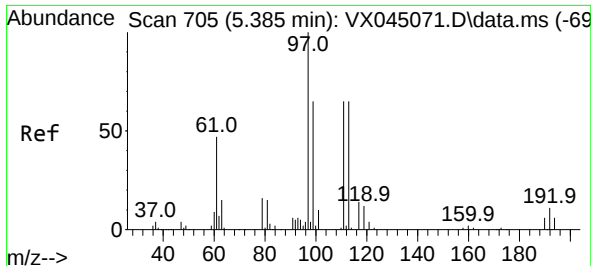
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

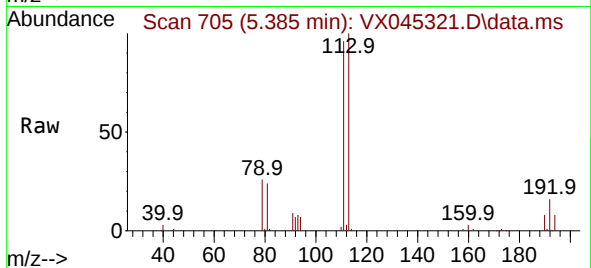
88 16.7 0.0 32.8



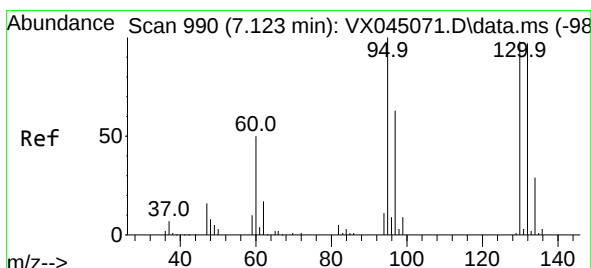
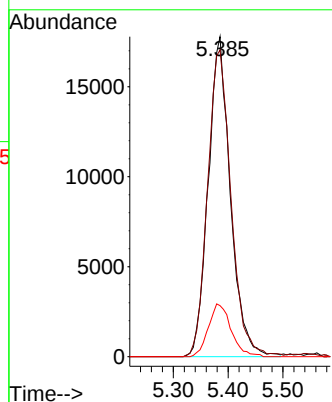
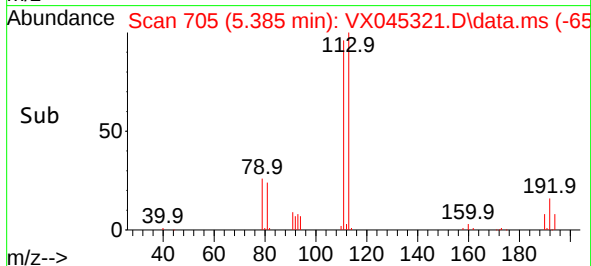


#35
Dibromofluoromethane
Concen: 52.904 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310DL

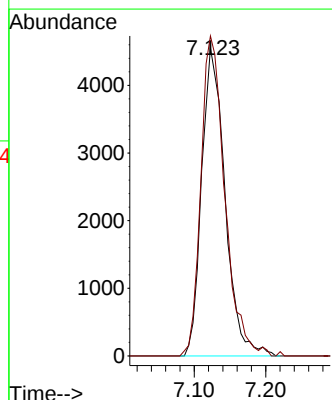
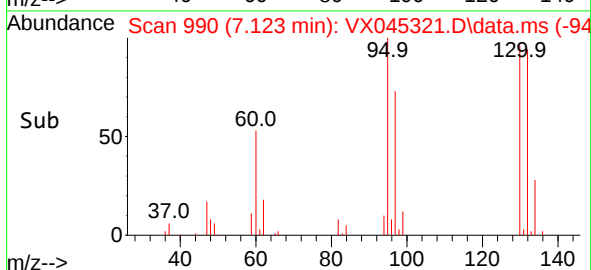
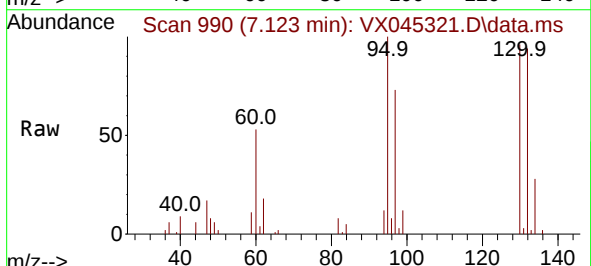


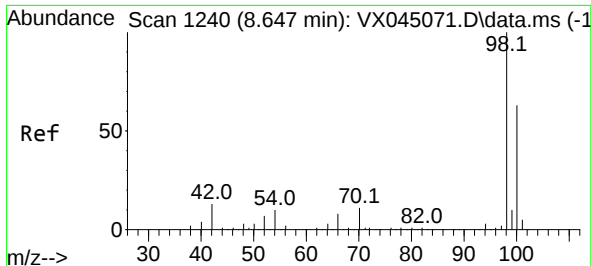
Tgt Ion:113 Resp: 49919
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 16.9 14.3 21.5



#44
Trichloroethene
Concen: 10.795 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

Tgt Ion:130 Resp: 10358
Ion Ratio Lower Upper
130 100
95 103.9 0.0 205.0

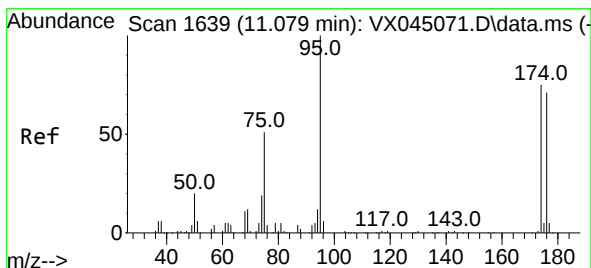
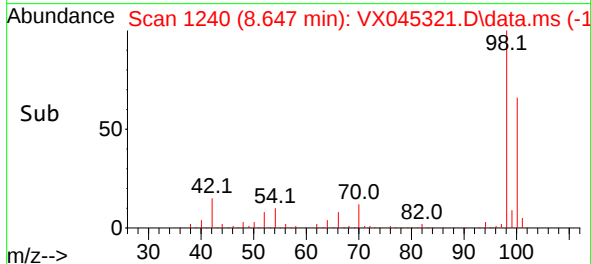
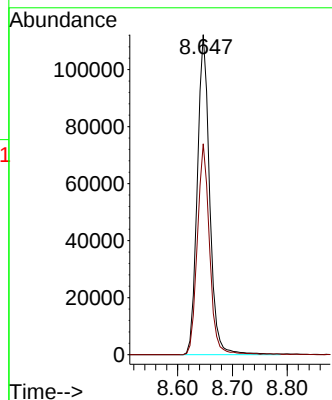
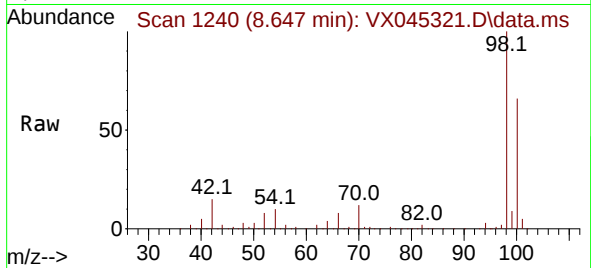




#50
Toluene-d8
Concen: 51.492 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

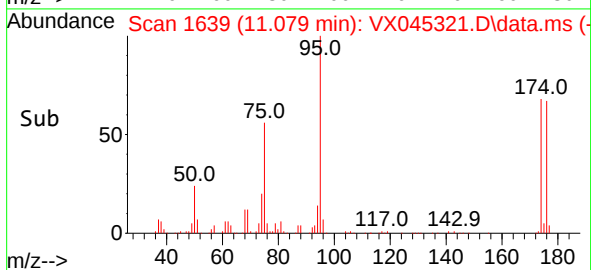
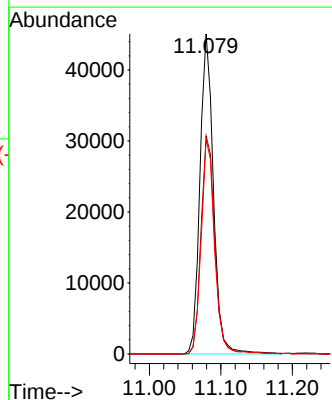
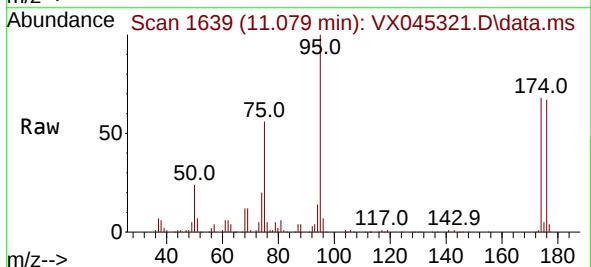
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310DL

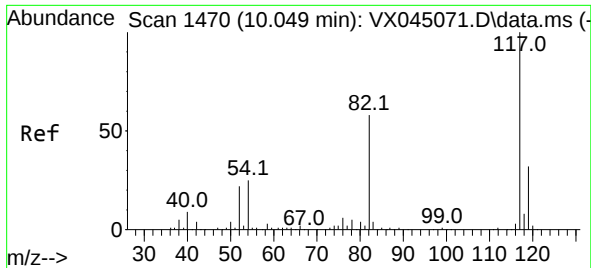
Tgt Ion: 98 Resp: 176143
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

Tgt Ion: 95 Resp: 58887
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 67.0 0.0 141.4

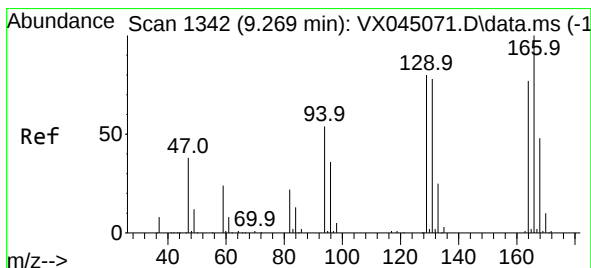
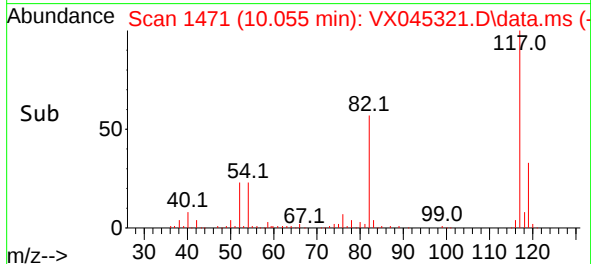
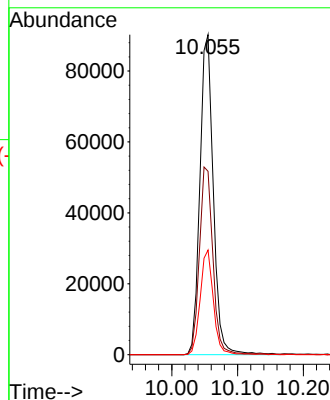
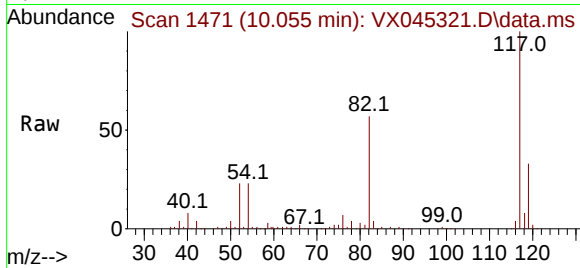




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

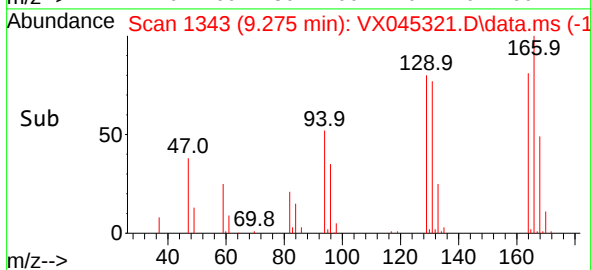
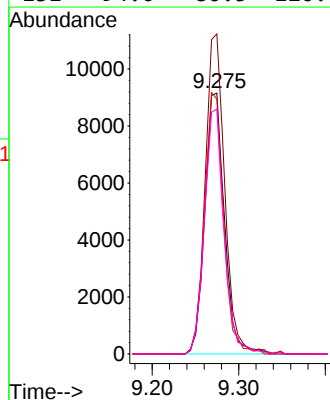
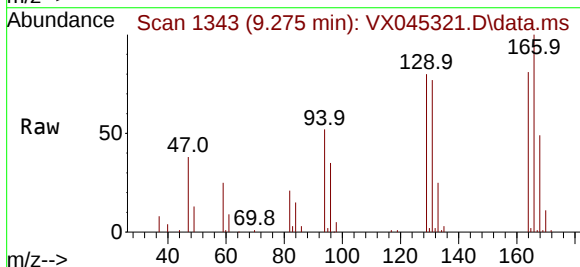
Instrument :
MSVOA_X
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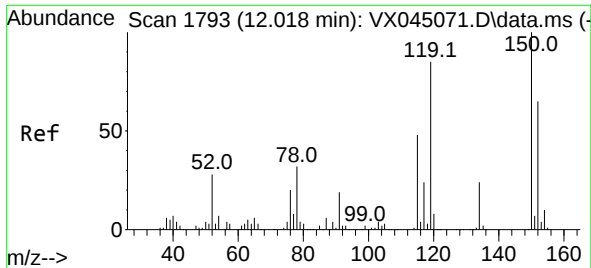
Tgt Ion:117 Resp: 127887
Ion Ratio Lower Upper
117 100
82 57.3 46.3 69.5
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 17.574 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

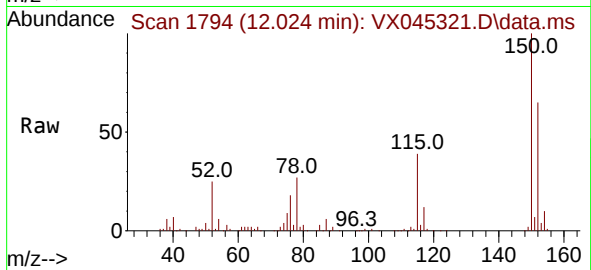
Tgt Ion:164 Resp: 14394
Ion Ratio Lower Upper
164 100
166 122.7 103.6 155.4
129 97.7 82.7 124.1
131 94.0 80.5 120.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045321.D
Acq: 18 Mar 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310DL



Tgt Ion:152 Resp: 50569
Ion Ratio Lower Upper
152 100
115 63.7 44.2 132.6
150 157.5 0.0 349.0

